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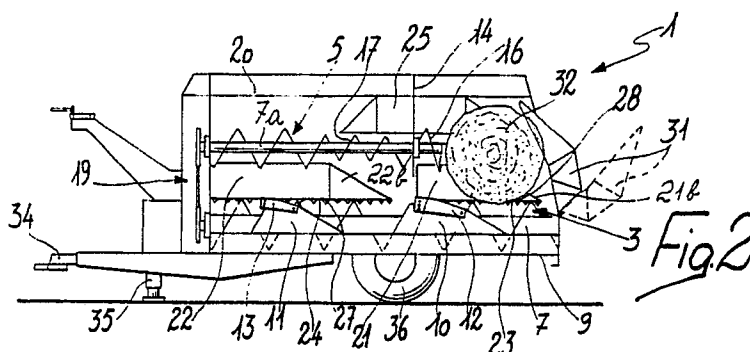
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54 **Shredder-mixer-distributor trailer, particularly for cylindrical and prism-shaped bales of forage, hay and grass silage.**

57 This shredder-mixer-distributor trailer (1) comprises an elongated box-like container (2) longitudinally accommodating lower (3, 4) and upper (5, 6) rotating scrolls. The lower scrolls are arranged mutually close and convey material toward the front portion of the container, while the upper scrolls are spaced apart from each other and transport the material in the opposite direction. The lower scrolls (3, 4) define spirals with constant height and have two vertical baffles (10, 11) interposed therebetween. The upper scrolls (5, 6) define a variable-height

spiral with portions extending along opposite directions. The container longitudinally accommodates wedge-like elements (21, 22, 25) for adjusting the feed to the lower scrolls and avoiding accumulation of material toward the walls of the container, and toothed-blade elements (27, 30) for improving shredding and keeping the scrolls clean. A loading bucket (31) is integrated in the rear portion of the container while front doors (33) allow unloading of the shredded material.



EP 0 352 670 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	DE-B-2 918 519 (BAYERISCHE PLUGFABRIK) * The whole document *	1	A 01 F 29/00
A	US-A-3 421 740 (NORMAN A. BEHRENS) * Abstract; figures 1-5; column 2, line 11 - column 3, line 43 *	1,3,6	
A	US-A-4 151 961 (MAKOFKA et al.) * Column 3, lines 26-57; column 5, line 48 - column 6, line 15; figures 1-3 *	1,2,10	
A	DE-A-3 402 085 (HOOPMAN ONDERZOEK) * Figures 1,2; page 7, line 2 - page 8, line 10 *	1,7	
A	AT-B- 379 933 (K. SCHERZ) * Figures 1-3; page 2, line 39 - page 4, line 2 *	1	
A	US-A-4 310 252 (RYAN) * Figure 3; column 4, lines 4-27 *	1	
A	DE-A-3 521 876 (K. ERTL)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-03-1990	Examiner CROWE D.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	